

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	4345781
<b>Application Number:</b>	10849964
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	8073
<b>Title of Invention:</b>	Thermoelectric nano-wire devices
<b>First Named Inventor/Applicant Name:</b>	Shriram Ramanathan
<b>Customer Number:</b>	59796
<b>Filer:</b>	David L. Guglielmi/Derek S. Watson
<b>Filer Authorized By:</b>	David L. Guglielmi
<b>Attorney Docket Number:</b>	42P19016
<b>Receipt Date:</b>	24-NOV-2008
<b>Filing Date:</b>	19-MAY-2004
<b>Time Stamp:</b>	17:07:45
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$490
RAM confirmation Number	4501
Deposit Account	500221
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

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## File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		P19016_resp_to_OA_6_23_08_11242008.pdf	464712 <small>a6b76d6d07cdc326805c5ea172ad80108f6539ec</small>	yes	8
<b>Multipart Description/PDF files in .zip description</b>					
<b>Document Description</b>			<b>Start</b>	<b>End</b>	
Amendment/Req. Reconsideration-After Non-Final Reject			1	1	
Claims			2	5	
Applicant Arguments/Remarks Made in an Amendment			6	8	

### Warnings:

### Information:

2	Fee Worksheet (PTO-06)	fee-info.pdf	30206 <small>28f124eb88b5a5a32d5f676a99043676f927eb1a2</small>	no	2
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### Warnings:

### Information:

<b>Total Files Size (in bytes):</b>	494918
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### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.